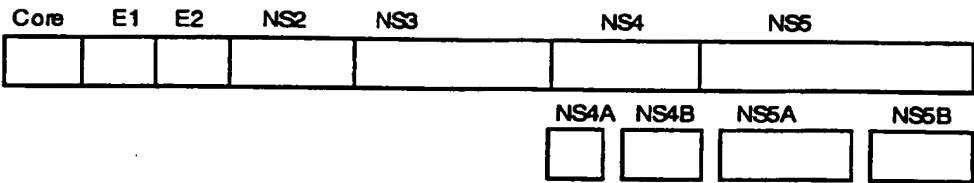




FIGURE 1





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FIGURE 2

SEQ. ID. NO:1

MSHVAVENALGLDQFAGLDLNSSDNQSGGSTASKGRYIPPHLRNREATRGFYDKDSSSGWSSSKDKDAYSSFGSRSDSRGKSSFFS
DRGSGSRGRFDDRGSDYDYGISRGDRSGFGKFERGGNSRWCDKSDDEDDWSKPLPPSERLEQELFSGGNTGINFEKYDDIPVEATG
NNCPPIESFSDVEMGEIIMGNIELTRYTRPTPVQKHAIPIKEKRDLMACAQTGSGKTAFLPLILSQIYSDGPGGEALRAMKENG
RYGRRKQYPISLVLAPTRELAVQIYEEARKFSYRSRVRPCVVYGGADIGQIRDLERGCHLLVATPGRLVDMMERGKIGLDFCKYL
VLDEADRMMDMGFEPIRRIVEQDTMPKGVHTMMFSATFPKEIQMLARDFLDEYIFLAVGRVGSTSENIQKVWVVEESDKRSF
LLDLLNATGKDSLTLVFVETKKGADSLDEFLYHEGYACTSIHGDRSQRDREELHGFSGKSPILVATAVARGLDISNVKHHVINF
DLPSDIEEYVHRIGRTGRVGNLGLATSFNERNINITKDLLLVEAKQEVPSWLENMAYEHYKKGSSRGRSKSSRFGGFGARDY
ROSSGASSSSSRASSRSGGGHSGSRGFGGGYGGFYNSDGYGGNYNSQGVDDWWGN

SEQ. ID. NO:2

GSTSENIQKVWVVEESDKRSFLDLLNATGKDSLTLVFVETKKGADSLDEFLYHEGYACTSIHGDRSQRDREELHGFSGKSPI
LVATAVARGLDISNVKHHVINFDLPSDIEEYVHRIGRTGRVGNLGLATSFNERNINITKDLLLVEAKQEVPSWLENMAYEHY
KGSSRGRSKSSRFGGFGARDYRQSSGASSSSSRASSRSGGGHSGSRGFGGGYGGFYNSDGYGGNYNSQGVDDWWGN



Title: HCV CORE PROTEIN BINDING AGENTS FOR
TREATMENT OF HEPATITIS C VIRUS INFECTION
Applicants: Howard J. Worman and Naoto Mamiya
U.S. Serial No. 09/407,432
Filed: September 29, 1999

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FIGURE 3

SEQ. ID. NO:3

VGSTSENITQKVWVEESDKRSFLDLLNATGKDSLTLVFVETKKGADSLDFLYHEGYACTSIHGDRSQRDREELHQFRSGKSP
ILVATAVAARGLDISNVKHVINFDLPDIEEYVHRIGRTGRVGNLGLAT



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FIGURE 4

SEQ. ID. NO:4

```
1 atg gat gatc gag gatc t ggt gtacc ag gcga agctgg ccg agc agc tgagcgatac
61 gacgaaatgg tggagtcaat gaagaaagta gcagggatgg atgtggagct gacagttgaa
121 gaaagaaacc tcctatctgt tgcataatag aatgtgattg gagctagaag agcctcctgg
181 agaataatca gcagcattga acagaaagaa gaaaacaagg gaggagaaga caagctaaaa
241 atgattcggg aatatcggca aatggttgag actgagctaa agttaatctg ttgtgacatt
301 ctggatgtac tggacaaaca cctcattcca gcagctaa ca ctggcagtc caagggttttc
361 tattataaaa tgaaagggga ctaccacagg tatctggcag aatttgccac aggaacgac
421 aggaaggagg ctgcggagaa cagcctagt gcttataaag ctgctagtga tattgcaatg
481 acagaacttc caccaacgca tctattcgc ttaggtcttg ctctcaattt ttccgtattc
541 tactacgaaa ttcttaattc cctgaccgt gcctgcaggt tggcaaaagc agcttttgat
601 gatgcaattg cagaactgga tacgctgagt gaagaaaagct ataaggactc tacacttacc
661 atgcagttgt tacgtgataa tctgacacta tggacttcag acatgcaggg tgacgggtgaa
721 gacgagaata aagaagcgt gcaggacgtg gaagacgaaa atcagtgaga cataagccaa
781 caagagaaac ca
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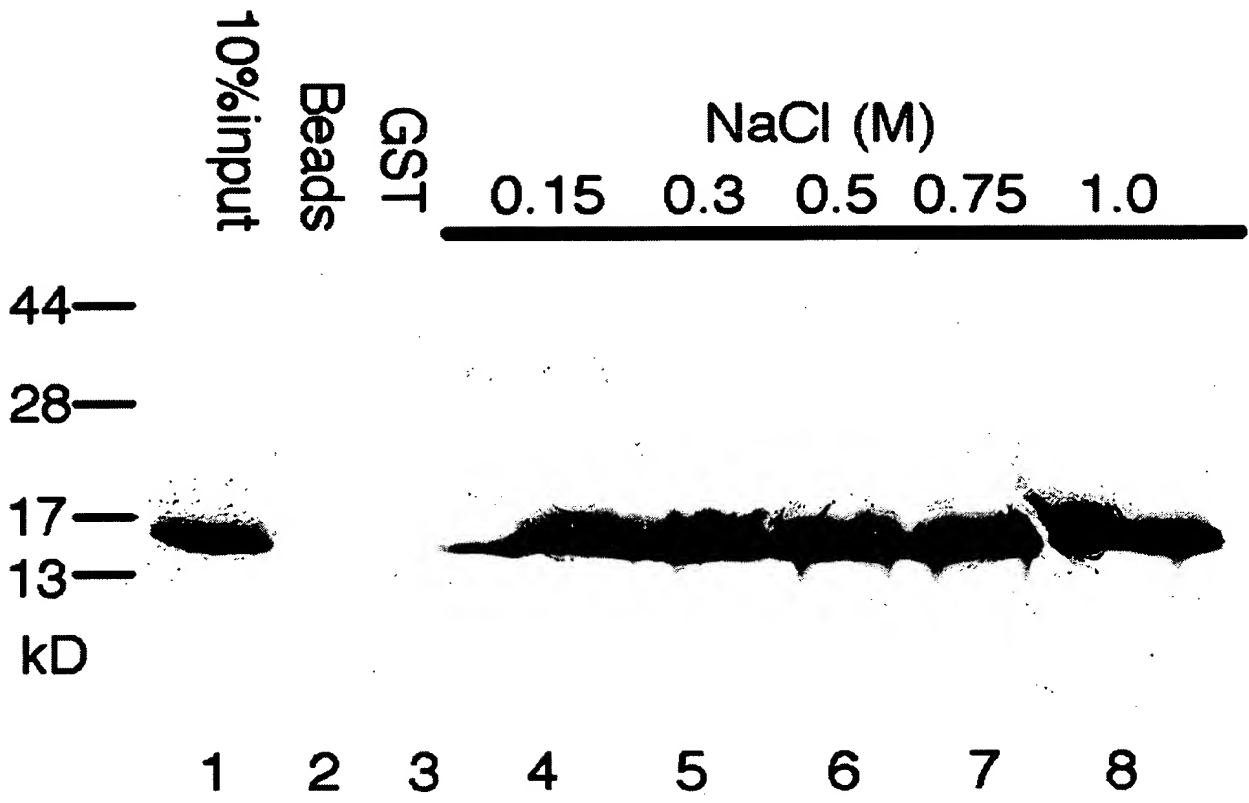
SEQ. ID. NO:5

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translation="MDDREDLVYQAKLAEQAEERYDEMVESMKKVAGMDVELTVEERNL
LSVAYKNVIGARRASWRIISSIEQKEENKGGEDKLMIREYRQMVETELKLIICCDILD
VLDKHLIPAANTGESKVFYKMKGDYHRYLAEFATGNDRKEAAENSLVAYKAASDIAM
TELPPTHPIRLGLALNFSVFYYEILNSPDRACRLAKAAFDDAIAELDTLSEESYKDS
LIMQLLRDNLTLWTSMDMQGDGEEQNKEALQDVEDENQ"
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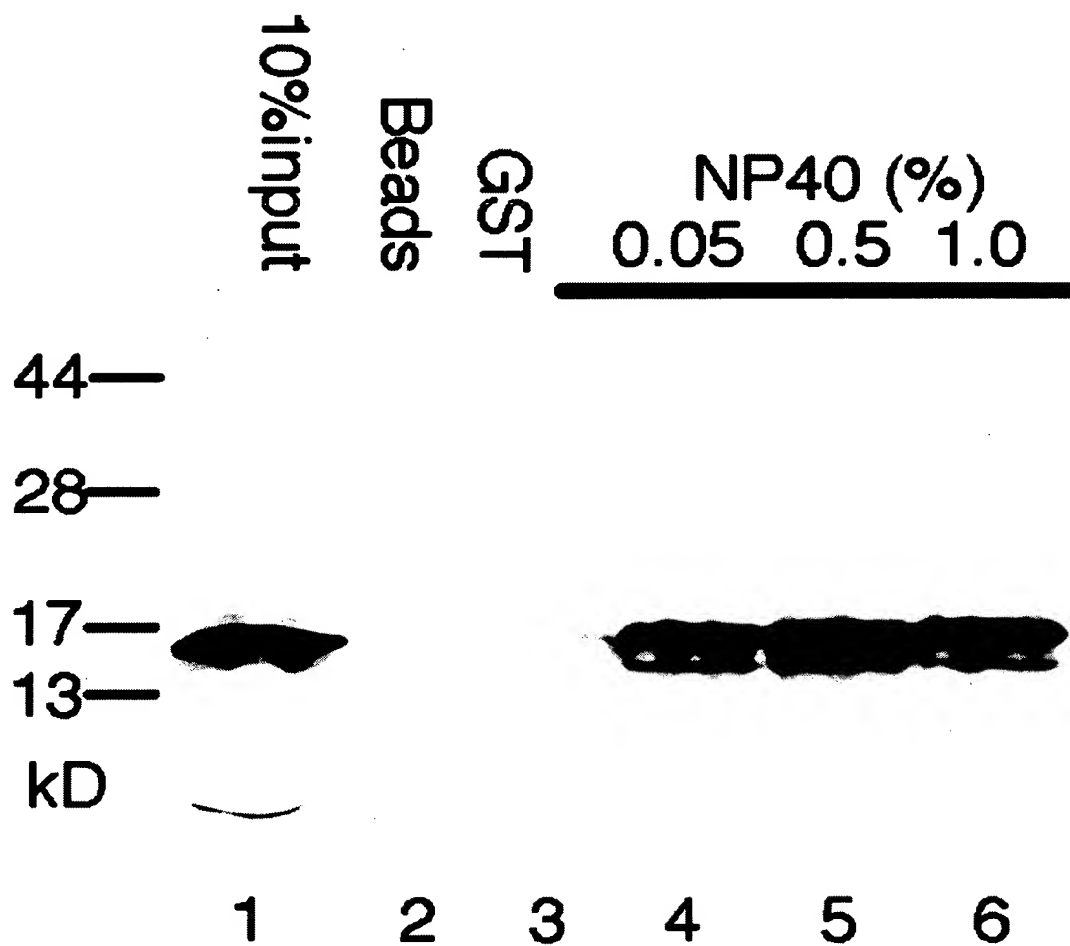
FIGURE 5A





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FIGURE 5B



DBX	1	MSHVA	VENALGLDQQLFAGLDLNSD	NQSGGSTASKGRYIPPHLRNREATKCFYDKDSS	CMSSSKDKDAYSSFGSRSDSRG
PL10	1	MSHVA	EDELGLDQQLFAGLDLTSRDS	QSGGSTASKGRYIPPHLRNREAAKAFYDKDCGRW	..SKDKDAYSSFGSRSDTRA
Ded1p	1	MAELSEQVQLSINDNNENGYVPPHLR.....	GKPRSA
					RNNSSNNNN..GGYNGRG
DBX	81	KSSFF	SDR.GSGSRGRFDDRCRSDYDGI	CSRGDRSGFGKFERGNN..SRWCDK	SEDDWSKPLPPSERLEQELFSGGNTG
PL10	79	KSSFF	SDRCGSGRGRFDERGRSDYESV	GSRGERSGFGKFERGNN..SRWCDK	ADEDDWSKPLPPSERLEQELFSGGNTG
Ded1p	53	GGFFS	N...NRRCGYNGCGFFGNGNGSR	SGRSGGRWIDGKHVPAPRNEKAEIA	IEGVPEDENFQ.....SSG
DBX	158	INF	EKYDDIPVEATGNPCPHIESFSD	VEMGEIIMGNIELTRYTRTPVQKHAIPI	IKERDLMACAQTS
PL10	157	INF	EKYDDIPVEATGNPCPHIESFSD	VEMGEIIMGNIELTRYTRTPVQKHAIPI	IKERDLMACAQTS
Ded1p	120	INF	ENYDDIPVDA	SGKDVPEPLTEFTISPPIDG	LAENIKLARETKPTPVQKYSVPIVANGRD
					LMACAQTS
DBX	238	ILSQI	YSDGPEALRAMKENG	YGRRKQYPISLVLA	PTRELAVQIYEARKFSYRSVRPCV
PL10	237	ILSQI	YSDGPEALRAMKENG	YGRRKQYPISLVLA	PTRELAVQIYEARKFSYRSVRPCV
Ded1p	200	VLS	SEKTKGPS...QPESQ	CSFYORKAYPTAVIMAPTRELATQI	DEAKKFTYRSWKACVYGCSPIGNQ
					REIERG
DBX	318	HLLVAT	PGRLVDMMERGKI	GLDFCKYLVLDEADRM	LDMGFEFQIRRIVEQDTMPKGV
PL10	317	HLLVAT	PGRLVDMMERGKI	GLDFCKYLVLDEADRM	LDMGFEFQIRRIVEQDTMPKGV
Ded1p	277	DLIVAT	PGRLND	IERGKISLANVKYLVLDEADRM	LDMGFEFQIRRIVEQDTMPKGV
					ROT
DBX	398	DEYIF	LAVGRVGSTSENITQKV	VWVEESDKRSFLDLLNATGKDSLTLV	FVETKKGADSL
PL10	397	DEYIF	LAVGRVGSTSENITQKV	VWVEESDKRSFLDLLNATGKDSLTLV	FVETKKGADSL
Ded1p	357	SDYIF	LVGRVGSTSENITQKV	VWVENQDKK	SALLDLISA.STDGLTLFVETK
					RMADQLTDFLIMONERATAIHGDR
DBX	478	RDRE	ALHQFRSGKSPILVATAVAARGLD	ISNVKHVINFDLPDIEEYVHRIGRTGR	VGNLGLATSF
PL10	477	RDRE	ALHQFRSGKSPILVATAVAARGLD	ISNVKHVINFDLPDIEEYVHRIGRTGR	VGNLGLATSF
Ded1p	436	SERER	ALAFRSGA	TLVATAVAARGLDIPNVTHVIN	NDLPSDVDDYVHRI
					GRAGNTGLATAFFENSENSNI
DBX	558	DLIV	EAKQEVPSWLENMA	VEHHYKSGSRGSKSRFS	GGFGGARDYRQSSGASSSS
PL10	557	DLIV	EAKQEVPSWLENMA	VEHHYKSGSRGSKSRFS	GGFGGARDYRQSSGASSSS
Ded1p	516	EIL	TEANQEVPS	ELKDAMMS...APGSR	SNRRGGFGRNNNRDYRKACGASAGG
					TCSSSRSDNSFRGGS....G
DBX	638	GYG	FVNSDGYG	GNYSQGV	DWGN
PL10	636	SYG	FVNSDGYG	GNYSQGV	DWGN
Ded1p	587	S....	KSSG	TCNSGG	SNSSMW..

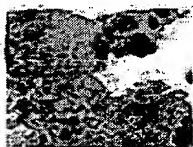
FIGURE 6A



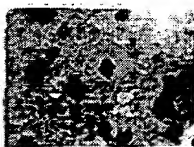
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FIGURE 6B

DBX



PL10



Ded1p

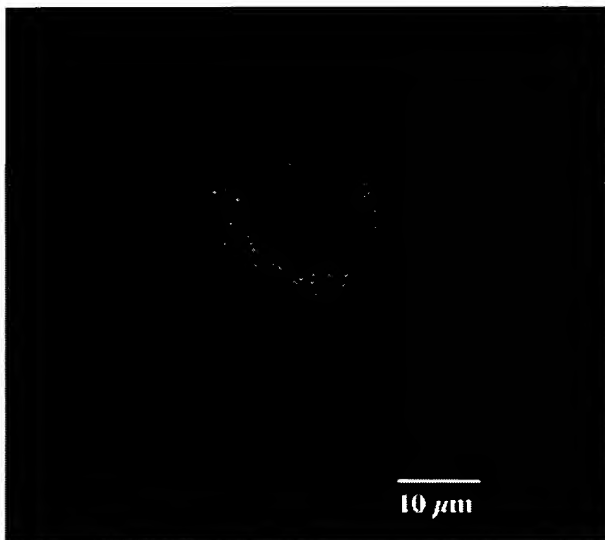




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FIGURE 7A

CORE



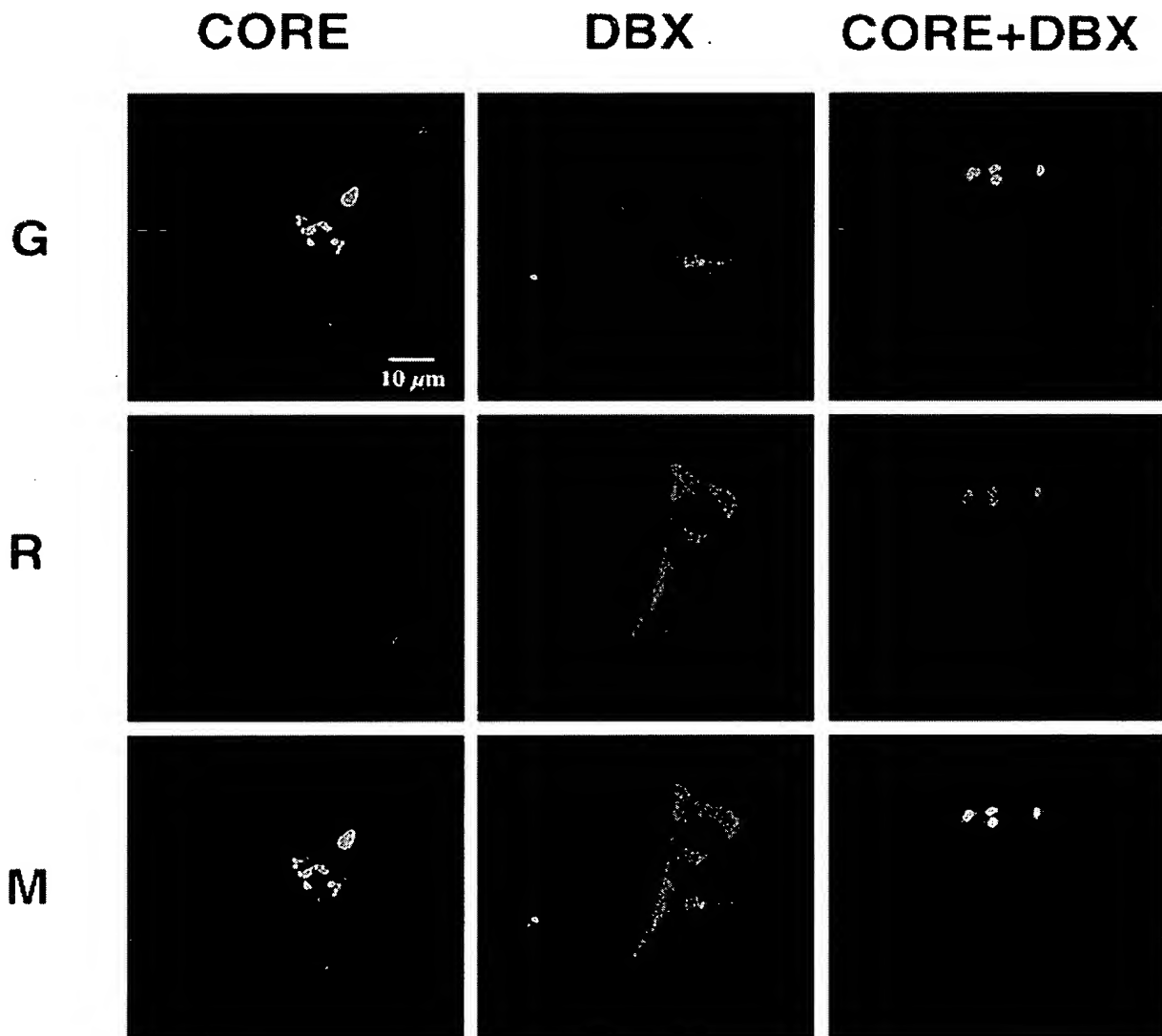
DBX





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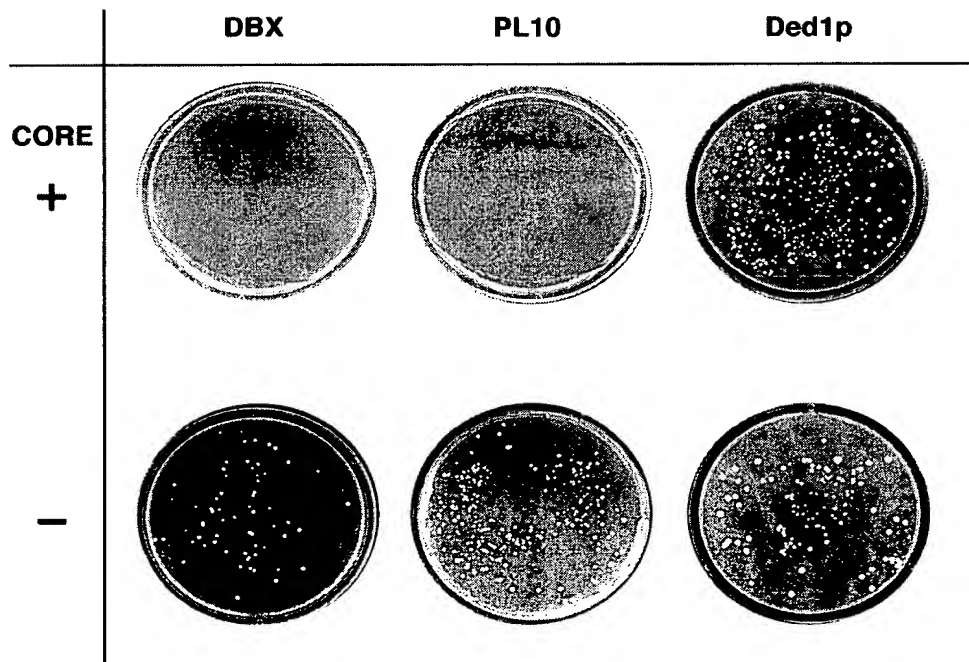
FIGURE 7B





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FIGURE 8





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FIGURE 9

